

## Electronic Acknowledgement Receipt

EFS ID:	1544141
Application Number:	10687713
International Application Number:	
Confirmation Number:	4631
Title of Invention:	Surface treated low-k dielectric as diffusion barrier for copper metallization
First Named Inventor/Applicant Name:	Kuei-Wu Huang
Customer Number:	54657
Filer:	Richard A. Paikoff/Donna Winkler
Filer Authorized By:	Richard A. Paikoff
Attorney Docket Number:	N1085-00184 [TSMC2002-132]
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Application Type:	Utility

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### File Listing:

Document Number	Document Description	File Name	File Size(Bytes)	Multi Part /.zip	Pages (if appl.)
1		Amendment.pdf	516693	yes	6

Multipart Description/PDF files in .zip description			
Document Description	Start	End	
Amendment - After Non-Final Rejection	1	1	
Claims	2	4	
Applicant Arguments/Remarks Made in an Amendment	5	6	

**Warnings:**

**Information:**

Total Files Size (in bytes):	516693
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**New Applications Under 35 U.S.C. 111**

If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

**National Stage of an International Application under 35 U.S.C. 371**

If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.

**New International Application Filed with the USPTO as a Receiving Office**

If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.